

ADDENDUM NUMBER 1

CITY OF BEAVERTON

SANDBERG SUBDIVISION SANITARY SEWER REHABILITATION PROJECT FISCAL YEAR 2005-06

April 19, 2006

This Addendum provides additional information, clarification or corrections to the bid documents for this project. Receipt of this Addendum shall be noted on the signature page of the bid form. Any changes made by this Addendum offset only the portion of the words or paragraphs specifically mentioned herein and the balance of the specifications remain the same and in full force. It is the responsibility of the bidders to conform to this Addendum.

1. PLANS

None

2. CONSTRUCTION CONTRACT

- a. Replace Bid Schedule with the following (highlighted items show change):*

BID SCHEDULE FOR BID PROPOSAL

CITY OF BEAVERTON

CITY OF BEAVERTON SANDBERG SUBDIVISION SANITARY SEWER REHABILITATION PROJECT

SCHEDULE A - General

Item No.	Description	Unit	Quantity	Unit Price	Total
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Erosion Control and Cleanup	LS	1		
4	AC Pavement Restoration, 3", Class C	SF	1177		
5	AC Pavement Restoration, 2", Class C	SF	1488		
6	Temporary Pavement Surface, 2" Depth	SF	1536		
7	Preparation for Concrete Repair Work	SF	1554		
8	Remove Tree	EA	10		
9	Relocate Shed, 10920 BH Hwy	LS	1		
10	Concrete Curb, Type A	LF	54		
11	Concrete Sidewalk	SF	1400		
12	Concrete Curb, Extruded	LF	50		
13	Concrete Driveway	SF	45		
10	Extra Work As Authorized	LS	1	30,000	30,000

SCHEDULE B - Sanitary Sewer Improvements

Item No.	Description	Unit	Quantity	Unit Price	Total
1	Exploratory Excavation	CY	20		
2	Sawcut	LF	1020		
3	Sewer Main, 8", CIPP Liner	LF	2863		
4	Sanitary Sewer Pipe, 8", PVC 3034 (Class B Backfill)	LF	507		
5	Sanitary Sewer Pipe, 6", PVC 3034 (Class B Backfill)	LF	429		
6	Sanitary Sewer Pipe, 4", PVC 3034 (Class B Backfill)	LF	515		
7	Pipe Bursting Sanitary Lateral, 6" HDPE	LF	244		
8	Pipe Bursting Sanitary Lateral, 4" HDPE	LF	2698		
9	Pipe Bursting Set Up/Break Down	EA	42		
10	Sanitary Manhole, 48"	EA	6		
11	Cleanout, Sewer Lateral	EA	42		
12	Connect To Existing Manhole	EA	1		
13	Connect Extg Sanitary Sewer Lateral At Main	EA	7		
14	Remove 48" SS Manhole	EA	4		
15	Remove SS Cleanout	EA	2		
16	Trench Stabilization, 4'-0	CY	30		

SCHEDULE C - Water Improvements

Item No.	Description	Unit	Quantity	Unit Price	Total
1	6" DIP (Class B Backfill)	LF	166		
2	4" DIP (Class B Backfill)	LF	229		
3	6" Gate Valve	EA	5		
4	6x4 Reducer	EA	2		
5	Bend, 11 1/4 degrees, 4"	EA	2		
6	6x6 Cross	EA	1		
7	2" Blowoff Assembly	EA	2		
8	Water Service, 1"	LF	129		
9	Chlorination Tap	EA	1		

GRAND TOTAL BID AMOUNT \$ _____
(Figure)

(_____ Dollars and
(Write out value in words)
 _____ Cents).

Grand total shall be presented both in words and figures. In the event of discrepancy, the amount shown in words shall control.

Contractor Company Name: _____

***"Extra Work As Authorized" means additional work tasks, not specifically required or implied by the contract, and which an authorized City representative in writing specifically requests. Execution of this contract in and of itself shall not be construed as a specific request for the Contractor to perform additional work.**

b. Add or Replace Bid Item Description with the following:

A-10 Concrete Curb - Payment for this item shall be on a lineal foot (LF) basis to the nearest 0.5 foot for all labor, equipment, and materials to place and finish the Type "A" curb in accordance with the detail on Plan Sheet 13. Work includes removal and disposal of the existing curb, placement of ¾"-0 rock to match adjacent elevations, compaction of base rock, and concrete curb. Work also includes protecting the concrete from vandalism or other damage (repair of damage will be at no cost to the City). Top of curb will match top of adjacent curb.

A-11 Concrete Sidewalk - Payment for this item shall be on a square foot (SF) basis to the nearest square yard for all labor, equipment, and materials to place and finish the 4" thick concrete sidewalk in accordance with the detail on Plan Sheet 13. Work includes removal and disposal of the existing sidewalk, placement and compaction of 2" of ¾"-0" crushed rock, expansion joint material, and scoring. Work also includes protecting the concrete from vandalism or other damage (repair of damage will be at no cost to the City). Top of sidewalk will match top of adjacent sidewalk.

A-12 Concrete Curb, Extruded - Payment for this item shall be on a lineal foot (LF) basis to the nearest 0.5 foot for all labor, equipment, and materials to place and finish the specified curb. Work includes removal and disposal of the existing curb, placement of ¾"-0 rock to match adjacent elevations, compaction of base rock, and concrete curb. Work also includes protecting the concrete from vandalism or other damage (repair of damage will be at no cost to the City). Top of curb will match top of adjacent curb.

A-13 Concrete Driveway, 6" - Payment for this item shall be on a square foot (SF) basis to the nearest square yard for all labor, equipment, and materials to place and finish the 6" thick concrete driveway in accordance with City standard detail 211. Work includes removal and disposal of the existing driveway, placement and compaction of 2" of ¾"-0" base rock, wire mesh, concrete and expansion joint material. The pay area includes the driveway approach, driveway wings, and sidewalk connection to the driveway. Work also includes the phasing required to maintain one way access at all times and protecting the concrete from vandalism or other damage (repair of damage will be at no cost to the City). Top of driveway will match top of adjacent driveway.

Incidental work (under Schedule A): Delete the following bullet:

- Coordination with the concrete contractor. Concrete work to include forming and placement of concrete will be done by others; however, all preparation work to include excavation, placement of rock and compaction is the responsibility of the contractor. The concrete contractor requires a minimum of 48 hours notice on required work.

B-9 Pipe Bursting Set Up/Break Down - Payment for pipe bursting set up and break down will be made on a unit (EA) basis and shall include all equipment, labor and materials required to set up and complete the rehabilitation of sanitary sewer laterals using the pipe bursting method except the installation of the HDPE pipe. Work includes the excavation and backfill of the insertion and receiving pits, bypass pumping, and television inspection of the existing and new sanitary sewer laterals. Set and break down will be required for each lateral that requires pipe bursting as called out in the plans. If the Engineer changes the method of repair from pipe bursting to trenching, then the "Pipe Bursting Set Up/Break Down" bid item does not apply and bypass pumping and television inspection of the existing and new sanitary sewer laterals are incidental to other bid items.

c. 00170.02 Permits, Licenses and Taxes: Add the following sentence to the end of the second paragraph:

The cost of the plumbing permit for work on private property is approximately \$43.20 per property.

d. 00445.40(b) Line and Grade: Change the Subsection to read:

The existing invert elevations and slopes shown in the plan and profile are from measure downs. The Contractor shall notify the Engineer immediately of any discrepancy between existing conditions and the elevations shown on the plans.

Main Line Pipe (CIPP): Prior to rehabilitation, Contractor shall TV scan all sanitary sewer main lines to determine if any of the pipes have existing dips or "bellies" that would result in a dip greater than ½ inch in the rehabilitated pipe and notify the Engineer of any such pipes. The Engineer and the Contractor will discuss the repair options and the Engineer will make the final decision. A dip greater than ½ inch will require a point repair prior to CIPP or the replacement of the entire main line.

Main line Pipe (all): Sewer main replacement or rehabilitation shall be constructed to the manhole invert elevations specified in the plans. For new and replacement pipe installations, do not vary from the line and grade shown on the plans by more than 1/2 inch for 8" diameter pipe. Any pipe that does not meet these requirements will be replaced at Contractor expense.

Lateral Pipe (Pipe Bursting): Prior to replacement, Contractor shall TV scan all sanitary sewer laterals to determine if any of the laterals have existing dips or "bellies" that would result in a dip greater than ½ inch in the new lateral and notify the Engineer of any such laterals. The Engineer and the Contractor will discuss the repair options and the Engineer will make the final decision. A dip greater than ½ inch will require a point repair prior to pipe bursting or the replacement of the entire lateral.

Lateral Pipe (all): Any new pipe with a dip greater than ½ inch will be rejected by the plumbing inspector and shall be replaced at Contractor expense.

e. 00447B Submittals: Change paragraph 9 to read:

9. Television inspection reports and videotapes made before and after pipe installations.

f. 00447D Site Conditions: Change the Subsection to read:

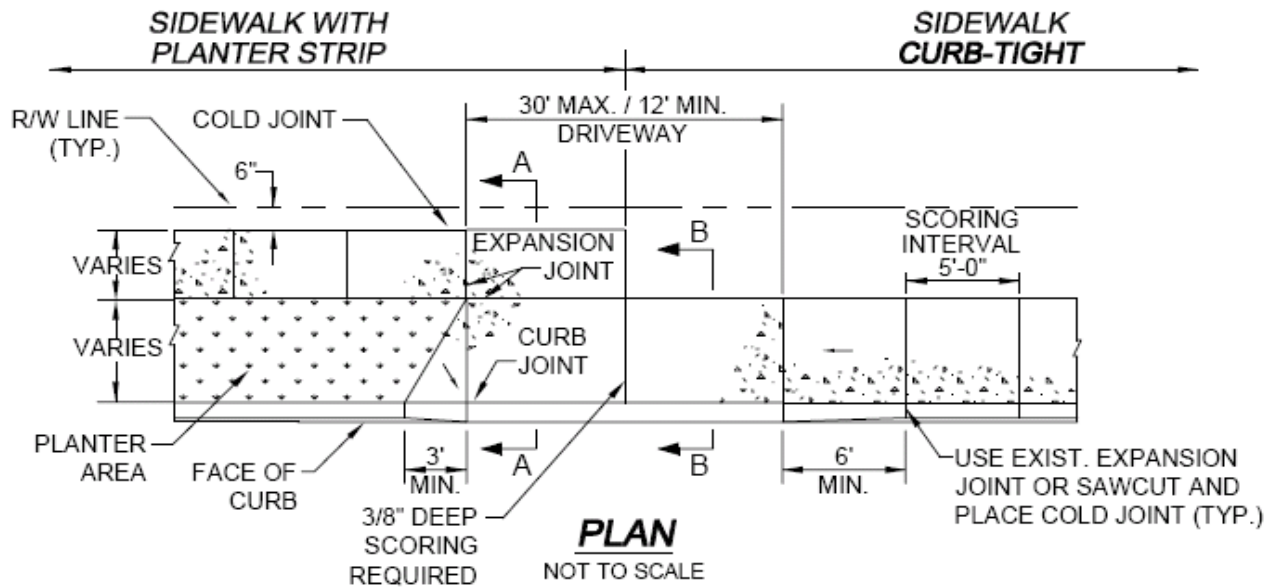
Closed Circuit Television (CCTV) Inspection – Prior to pipe bursting, the Contractor shall be responsible for CCTV inspection of the existing sanitary sewer lateral. The Engineer and the Contractor will review the CCTV inspection tape and confirm that the line is suitable for pipe bursting. The pre-rehabilitation CCTV inspection shall be paid for under the “Pipe Bursting Set Up/Break Down” bid item.

Line Obstructions and Point Repairs - If the CCTV inspection reveals an obstruction in the pipe (e.g. a dip greater than ½ inch, dropped joint(s), or collapsed pipe), then the Contractor shall make a point repair or an obstruction removal operation as approved verbally by the Engineer. This work shall be measured and paid under the “Pipe, Sanitary, 6” PVC 3034 (Class B Backfill)” bid item or the “Pipe, Sanitary, 4” PVC 3034 (Class B Backfill)” bid item.

Some sewer laterals to be pipe burst may have had previous repairs made of materials that are difficult to pipe burst. These materials may include PVC pipe, ABS pipe, HDPE pipe and stainless steel bands. It is the Contractors responsibility to use equipment and construction methods suitable for dealing with these materials.

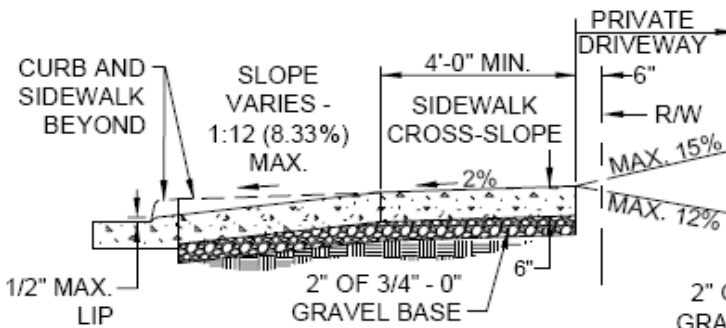
There are existing underground utilities (water, natural gas) within close proximity of sewer lines being pipe burst. It is the Contractor’s responsibility to use equipment and construction methods that will not damage these existing utilities.

Terry L. Muralt, CPPB
Purchasing Agent

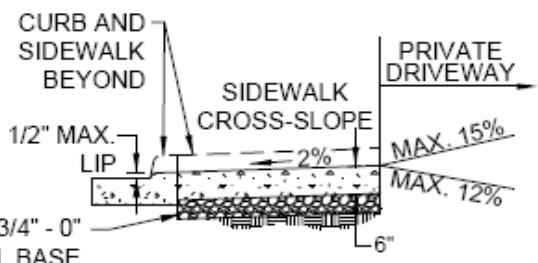


ELEVATION
NOT TO SCALE

NOTE: SECTION A-A MAY BE USED FOR CURB-TIGHT SIDEWALK DRIVEWAY APRONS IF SIDEWALKS WIDTH IS 10' OR MORE



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

NOTES:

1. Concrete shall have a minimum breaking strength of 4,000 psi after 28 days.
2. Finish with broom and edge all joints.
3. If curbing is being removed to install a driveway and the gutter should become separated from the driving surface in excess of 1/16-inch, then the gutter shall also be removed and replaced.
4. Curb joint shall be a troweled joint with a minimum 1/2-inch radius along back of curb.
5. Expansion joints shall be 1/2-inch pre-molded asphalt impregnated material, cedar or approved equal extending from top of base to finished grade.
6. Weepholes shall not be placed in wing.
7. Slope of the driveway may be away from the curb when preapproved by City Engineer.
8. Refer to *Beaverton Development Code* for additional driveway requirements.



City Of Beaverton

ENGINEERING
DEPARTMENT

STANDARD RESIDENTIAL
DRIVEWAY

CITY ENGINEER
Terry Waldele, P.E.

DATE
7 - 13 - 04

DRAWN BY
JCH - CPD

DRAWING NO.
211

ATTENTION! THIS DRAWING REPLACES DRAWING NO. 211, DATED 6-10-04